ENDEAVOUR INDEX 1994
Volume 18

Author Index

BRACEGIRDLE, B. Looking again at old microscope slides. 109
CALLISTER, S. M., SCHELL, R. F., LOVRICH, S. D. and JOBE, D.A. Lyme disease: laboratory diagnosis and serologic testing. 80
CANN, J. and SMITH D. Volcanoes of the mid-ocean ridges and the building of new oceanic crust. 61
CRADDOCK, P. T. Agricola, *De re Metallica*: a landmark in the history of metallurgy. 67
FARBMAN, A. I. The Cellular basis of olfaction. 2
FEDERSEL, H.-J. The impact of chirality on drug manufacturing on the industrial scale. 164
GEORGE, A. J. T. Antibody engineering. 27
HARRISON, L. G. Kinetic theory of living pattern. 130
HILL, D. J. The nature of the symbiotic relationship in lichens. 96
HUMPSTON, G., JACOBSON, D. M. and SANGHA, S. P. S. Diffusion soldering for electronics manufacturing. 55
JACKSON, G. and GRACE J. Cavitation and water transport in trees. 50
KARPENKO, V. Two thousand years of numerical magic squares. 147
KONDO, J. RITE: Research Institute of Innovative Technology for the Earth. 154
MARSHALL, N. J., LAND, M. F. and CRONIN, T. W. The 'six-eyed' stomatopod. 17
O'CONNOR, C. Development in Roman stone arch bridges. 158
OKAL, E. A. Tsunami warnings: beating the waves to death and destruction. 38
PRIEDE, I. G. Tracking of scavenging fishes in the abyss. 74
RICE, A. L. Forty years of land-locked oceanography; the Institute of Oceanographic Sciences at Wormley, 1953–1995, 137
UGI, I., DÖMLING, A. and HÖRL, W. Multicomponent reactions in organic chemistry. 115
WILLMOTH, F. Sir Jonas ('Mathematical') Moore and the founding of the Royal Observatory at Greenwich. 9
WOODS, R. J. Food irradiation. 104

Book Reviews

AHMADJIAN, V. The Lichen Symbiosis. (*D. H. Brown*). 45
ASHFORD, R. D. Dictionary of Industrial Chemicals. (*T. I. Williams*). 175
BAKER, L. A. Environmental Chemistry of Lakes and Reservoirs. (*M. Cresser*). 174
BIRKS, J. W., CALVERT, J. G. and SIEVERS, R. E. The Chemistry of the Atmosphere: Its Impact on Global Change. (*F. P. W. Winteringham*). 124
BODMER, W. and MCKIE, R. The Book of Man — the Quest to Discover Our Genetic Heritage. (*C. Cannings*). 125
BOGER, D. V. and WALTERS, K. Rheological Phenomena in Focus. (*M. J. Crochet*). 85
BONNER, J. T. Life Cycles — Reflections of an Evolutionary Biologist. (*M. E. J. Woolhouse*). 87
BOWDOIN VAN RIPER, A. Men among the Mammoths, Victorian Science and the Discovery of Human Prehistory. (*A. Turner*). 45
BREKKE, A. and EGELAND, A. The Northern Lights: Their Heritage and Science. (*C. Ronan*). 173
CHAPPEL, L. and DEONHOFF, M. Chemotherapy and the Immune System. (*A. J. Probert*). 86
CHEUK-YIU NG, BAER, T. and POWIS, I. Cluster Ions. (*J. M. Dyke*). 124
CIBA FOUNDATION SYMPOSIUM 175. Environmental Change and Human Health. (*F. P. W. Winteringham*). 46
CIBA FOUNDATION SYMPOSIUM 177. Crop Protection and Sustainable Agriculture. (*F. P. W. Winteringham*). 45
DRONAMRAJU, K. R. If I am to be Remembered. The Life and Work of Julian Huxley with Selected Correspondence. (*A. Baker*). 47
GABBAY, D. M., HOGGER, C. J. and ROBINSON, J. A. Handbook of Logic in Artificial Intelligence and Logic Programming. Volume 1 Logical Foundations. (*C. M. Elstob*). 85
GELL-MAN, M. The Quark and the Jaguar. Adventures in the Simple and Complex. (*C. Sutton*). 173
GIBBONS, G. W. and HAWKINS, S. W. Euclidean Quantum Gravity. (*C. Isham*). 44
GOLDSTEIN, M. and GOLDSTEIN, I. The Refrigerator and the Universe — Understanding the Laws of Energy. (*J. Twidell*). 85
HAMPSTON, G. and JACOBSON, D. M. Principles of Soldering and Brazing. (*A. S. Wronski*). 175
HENBEST, N. and COUPER, H. The Guide to the Galaxy. (*M. M. Dworetsky*). 173
HESLOP-HARRISON, J. S. and FLAVELL, R. B. The Chromosome. (*J. M. Craig*). 45
HILLS, R. L. Power from Wind. A History of Windmill Technology. (*R. A. Buchanan*). 125
HODDESON, L., HENRIKSEN, P. W., MEADE, R. A. and WESTFALL, C. Critical Assembly. A Technical History of Los Alamos during the Oppenheimer Years, 1943–45. (*C. Sutton*). 46
HUFF, T. E. The Rise of Early Modern Science, Islam, China and the West. (*C. Ronan*). 87
HUISGEN, R. The Adventure Playground of Mechanisms and Novel Reactions. (*T. W. Bentley*). 175
HUNTER, R. and ELLIOT, G. Wind-Diesel System. (*C. Nightingale*). 125
JAMES, L. K. Nobel Laureates in Chemistry, 1901–1992. (*T. I. Williams*). 87
JENNINGS, G. Aerosol Effects on Climate. (*P. Liss*). 87
KULLANDER, S. and LARSSON, B. Out of Sight: From Quarks to Living Cells. (*B. Dixon*). 173
LEVERE, T. H. Chemists and Chemistry in Nature and Society, 1770–1878. (*G. B. Kauffman*). 176
LEVY, D. H. The man who sold the Milky Way: A Biography of Bart Bok. (*C. Ronan*). 44
LEWIS, J., MATTHEWS, M. S. and GUERRIERI, M. L. Resources of Near-Earth Space. (*F. W. Taylor*). 85
LIBES, S. M. An Introduction to Marine Biogeochemistry. (*R. Fuge*). 86
LINDSTEN, J. Nobel Lectures: Physiology or Medicine, 1981–91. (*T. I. Williams*). 45
LISCOMB, K. M. Learning from Mt Hua. (*T. I. Williams*). 47
MACURA, P. Elsevier's Dictionary of Chemistry — Russian–English. (*A. Wilkinson*). 86
MAE-WAN HO. The Rainbow and the Worm: The Physics of Organisms. (*R. J. P. Williams*). 125
MALIN, D. A view of the Universe. (*C. Ronan*). 85
MARSHAK, R. E. Conceptual Foundations of Modern Particle Physics. (*B. Foster*). 44
MAZZOLINI, R. G. Non-verbal Communication in Science Prior to 1900. (*T. I. Williams*). 47
MCMICHAEL, A. J. Planetary Overload: Global Environmental Change and the Health of the Human Species. (*F. P. W. Winteringham*). 46
MERRIFIELD, B. Life During a Golden Age of Peptide Chemistry. (*I. Toth*). 124
MULVANY, N. C. Indexing Books. (*R. Raper*). 173
NISSEN, H. J., DAMEROW, P. and ENGLUND, R. K. Archaic Bookkeeping: Writing and Techniques of Economic Administration in the Ancient Near East. (*M. J. Geller*). 123

O'CONNOR, C. Roman Bridges. (*N. A. F. Smith*). 126
OSTERBROOK, D. E. Pauper and Prince, Ritchey, Hale and Bid American Telescopes. (*C. Ronan*). 44
PRANTOS, N., VANGIONI-FLAM, E. and CASSE, M. Origin and Evolution of the Elements. (*S. Mason*). 44
RACKE, K. D. and LESLIE, A. R. Pesticides in Urban Environments. Fate and Significance. (*G. Lepatowel*). 46
RICHARDSON, C. C. Annual Review of Biochemistry. Volume 62 (*J. Goddard*). 45
ROCKWELL, P. The Art of Stoneworking. A Reference Guide. (*P. L. Jenkins*). 125
RONAN, C. A. The Shorter Science and Civilisation in China: 4. (*N. A. F. Smith*). 176
SHAROV, A. S. and NOVIKOV, I. D. Edwin Hubble, the Discoverer of the Big Bang Universe. (*T. I. Williams*). 126
SHARRATT, M. Galileo: Decisive Innovator. (*T. I. Williams*). 126
SNYDER, J. P. Flattening the Earth. (*W. Ravenhill*). 85
SOLOMONS, T. W. G. Fundamentals of Organic Chemistry. (*B. J. Walker*). 174
SPEAR, H. E. and DISMUHES, J. P. Synthetic Diamond: Emerging CVD Science and Technology. (*P. May*). 175
STILES, D., CALOKERINOS, A. and TOWNSHEND, A. Flame Chemiluminescence Analysis by Molecular Emission Cavity Detection. (*I. Weeks*). 174
STONE, F. G. A. S. Leaving no Stone Unturned: Pathways in Organometallic Chemistry. (*E. R. H. Jones*). 124
STRAUSS, H. L. Annual Review of Physical Chemistry. Volume 44, 1993. (*A. K. Galwey*). 86
SZALAY, A. A., KRICKA, L. J. and STANLEY, P. Bioluminescence and Chemiluminescence. (*J. S. Lancaster*). 123
SZALAY, A. A., KRICKA, L. J. and STANLEY, P. Bioluminescence and Chemiluminescence. (*G. S. A. B. Stewart*). 44
TEBBUT, P. Basic Mathematics for Chemists. (*A. P. Cox*). 176
THE ROYAL SOCIETY, LONDON. Biographical Memoirs of Fellows of the Royal Society. (*T. I. Williams*). 176
TIPTON, D. F. Essays in Biochemistry. (*R. J. H. Davis*). 174
TOMEI, L. D. and COPE, F. O. Apoptosis II: The Molecular Basis of Apoptosis in Disease. (*M. J. Arends*). 175
VAN DE VEN, G. P. Man-Made Lowlands. (*T. I. Williams*). 46
VOGTLE, F. Cyclophane Chemistry. (*I. O. Sutherland*). 124
WELLBURN, A. R. Air Pollution and Climate Change. (*F. W. P. Winteringham*). 173
WHEATON, B. R. and RIDER, R. E. Inventory of Sources for History of Twentieth-Century Physics: Report and Microfiche Index to 700,000 Letters. (*T. I. Williams*). 123
WILLIAMS, T. Biographical Dictionary of Scientists. (*F. Greenaway*). 125
WILLMOTH, F. Sir Jonas Moore, Practical Mathematics and Restoration Science. (*M. E. W. Williams*). 47
YEO, R. Defining Science: William Whewell, Natural Knowledge and Public Debates in Early Victorian Britain. (*W. H. Brock*). 47
ZUPAN, J. and GASTEIGER, J. Neural Networks for Chemists — An Introduction. (*D. Salt*). 174